

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022414.D
 Acq On : 30 Sep 2021 06:09
 Operator : SY/MD
 Sample : M3978-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A50

Quant Time: Sep 30 07:11:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 06:55:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

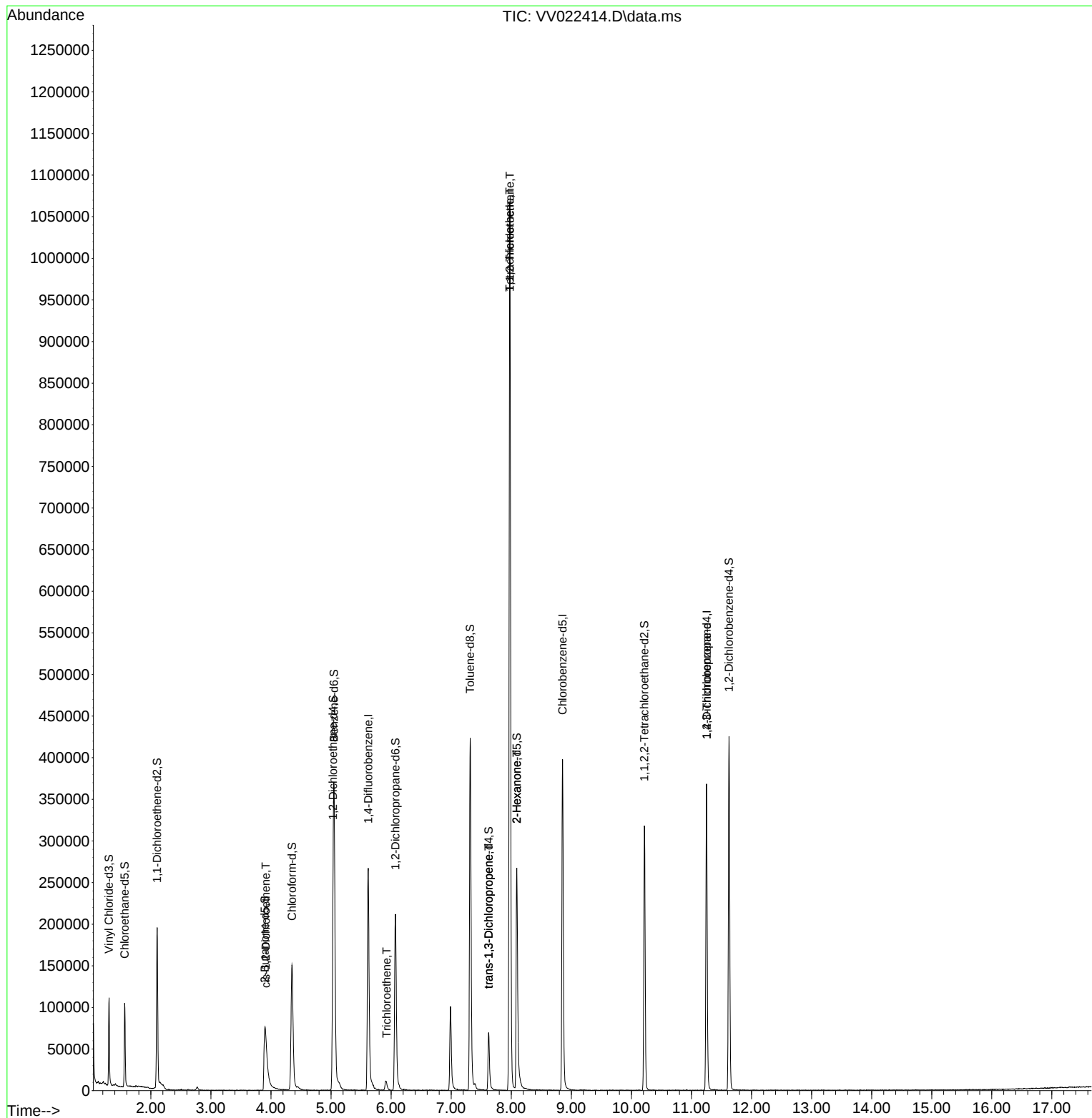
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	246012	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	235446	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	100354	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67416	32.291	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.580%		
7) Chloroethane-d5	1.565	69	63420	38.405	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.820%		
11) 1,1-Dichloroethene-d2	2.105	63	99279	27.350	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.700%#		
21) 2-Butanone-d5	3.899	46	147263	99.946	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.950%		
24) Chloroform-d	4.349	84	158368	42.008	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.020%		
26) 1,2-Dichloroethane-d4	5.034	65	101971	44.107	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.220%		
32) Benzene-d6	5.050	84	326026	44.016	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.040%		
36) 1,2-Dichloropropane-d6	6.072	67	109608	46.256	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.520%		
41) Toluene-d8	7.317	98	289846	42.753	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.500%		
43) trans-1,3-Dichloroprop...	7.625	79	41462	38.318	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.640%		
47) 2-Hexanone-d5	8.092	63	96371	100.088	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.090%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	151384	44.010	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.020%		
66) 1,2-Dichlorobenzene-d4	11.625	152	113966	51.071	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.140%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.912	96	1346	0.677	ug/L	87
34) Trichloroethene	5.925	95	1986	1.075	ug/L	90
44) trans-1,3-Dichloropropene	7.625	75	1812	0.699	ug/L	89
45) 1,1,2-Trichloroethane	7.979	97	2083	1.110	ug/L #	1
46) Tetrachloroethene	7.976	164	248250	163.168	ug/L	97
48) 2-Hexanone	8.092	43	10560	5.359	ug/L #	66
61) 1,2,3-Trichloropropane	11.252	75	10855	5.798	ug/L #	64

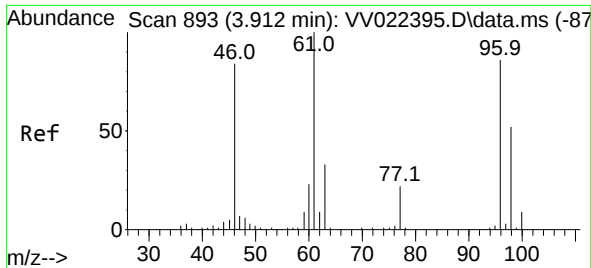
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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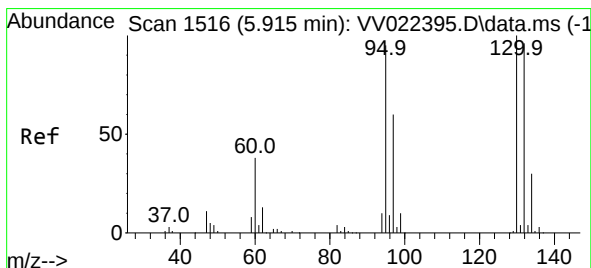
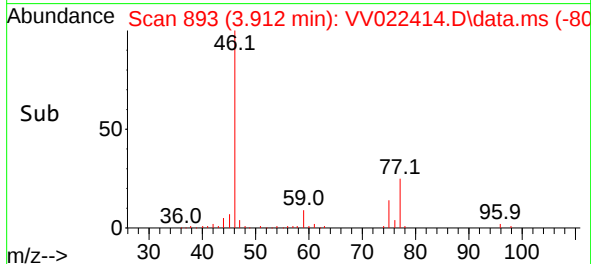
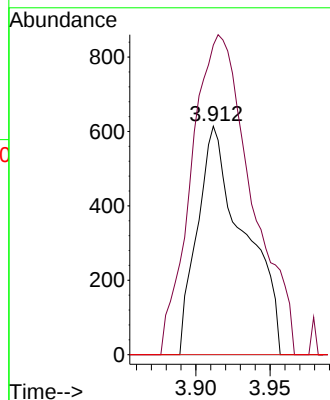
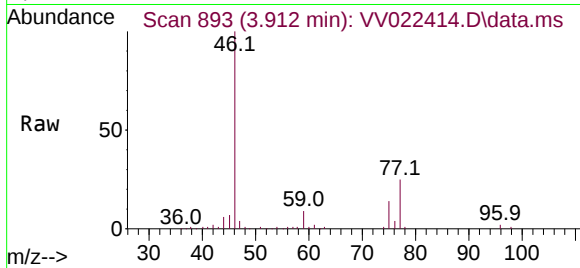




#20
cis-1,2-Dichloroethene
Concen: 0.677 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV022414.D
Acq: 30 Sep 2021 06:09

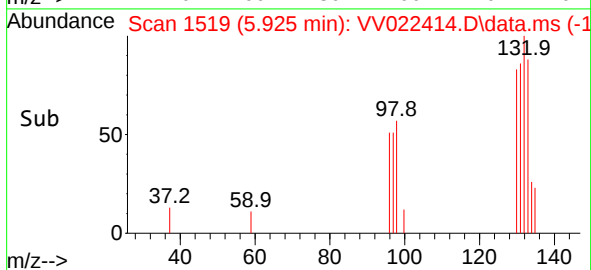
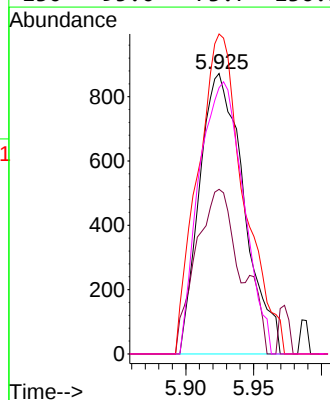
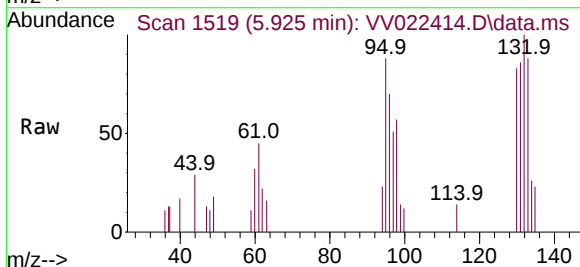
Instrument :
MSVOA_V
ClientSampled :
F4A50

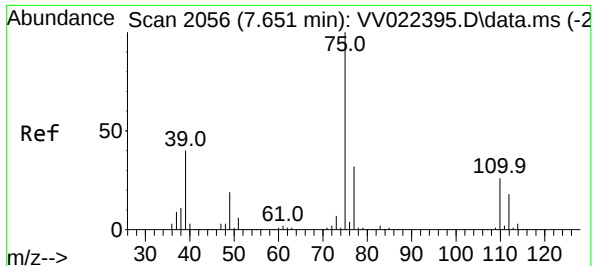
Tgt Ion:	96	Resp:	1346
Ion	Ratio	Lower	Upper
96	100		
61	135.5	84.6	157.0
68	0.0	0.0	0.0



#34
Trichloroethene
Concen: 1.075 ug/L
RT: 5.925 min Scan# 1519
Delta R.T. 0.010 min
Lab File: VV022414.D
Acq: 30 Sep 2021 06:09

Tgt Ion:	95	Resp:	1986
Ion	Ratio	Lower	Upper
95	100		
97	58.7	45.2	84.0
132	114.1	71.0	131.8
130	95.0	73.7	136.9

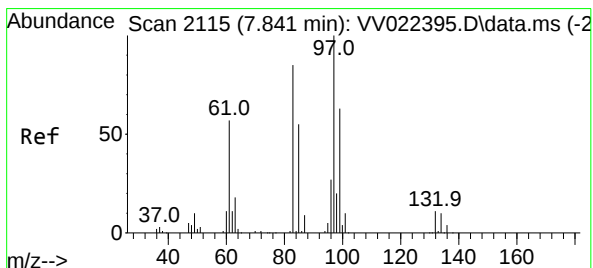
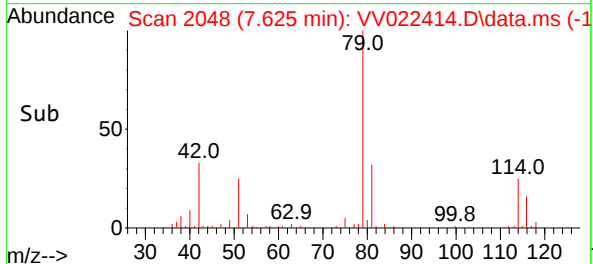
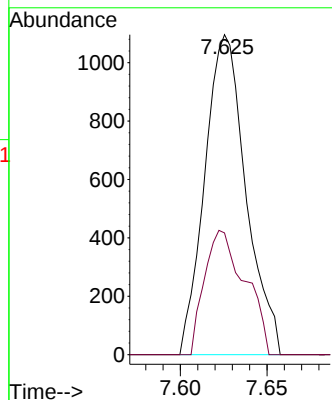
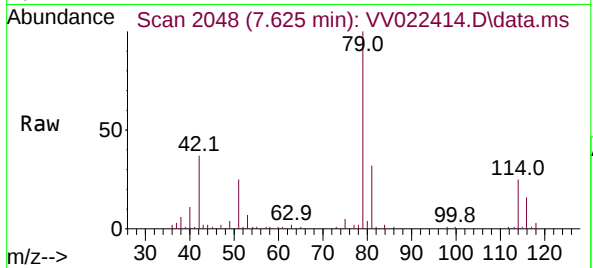




#44
trans-1,3-Dichloropropene
Concen: 0.699 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022414.D
Acq: 30 Sep 2021 06:09

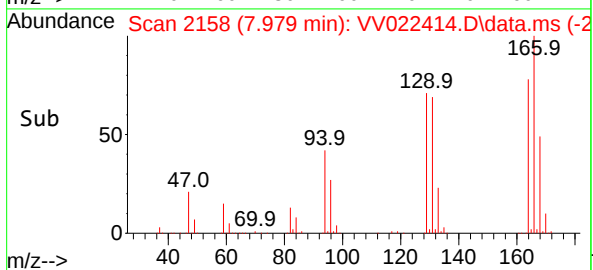
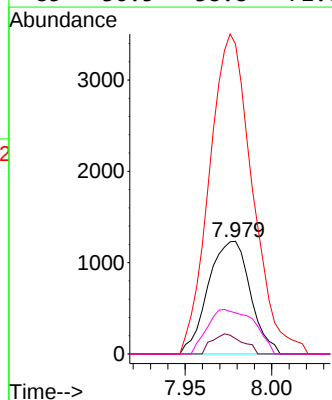
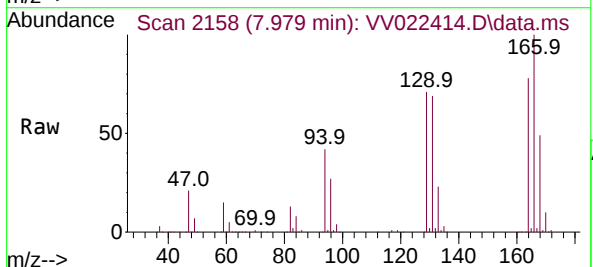
Instrument :
MSVOA_V
ClientSampled :
F4A50

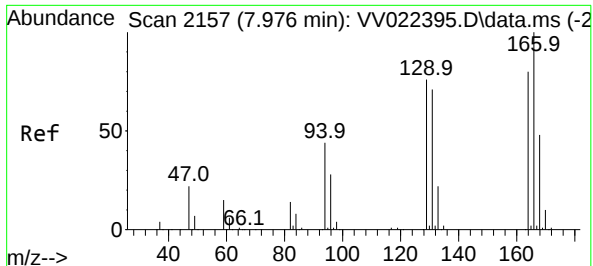
Tgt Ion: 75 Resp: 1812
Ion Ratio Lower Upper
75 100
77 38.0 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 1.110 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.138 min
Lab File: VV022414.D
Acq: 30 Sep 2021 06:09

Tgt Ion: 97 Resp: 2083
Ion Ratio Lower Upper
97 100
99 13.6 44.6 82.8#
83 275.1 59.8 111.1#
85 36.5 38.8 72.0#

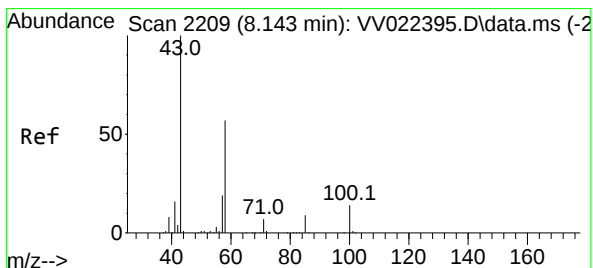
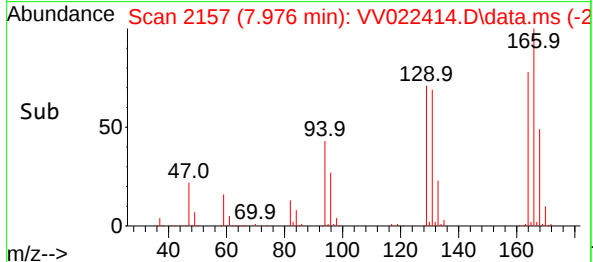
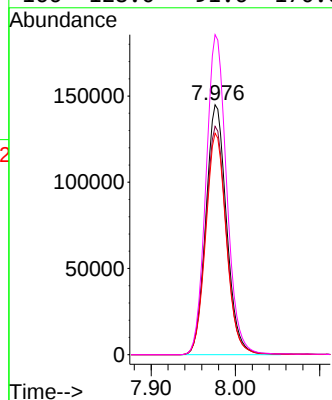
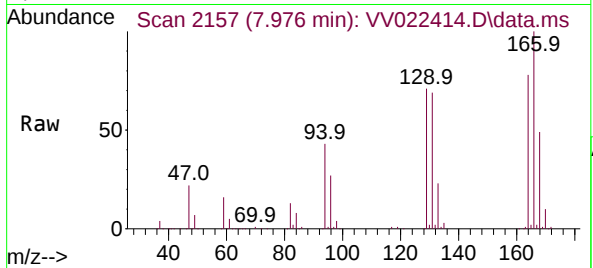




#46
Tetrachloroethene
Concen: 163.168 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022414.D
Acq: 30 Sep 2021 06:09

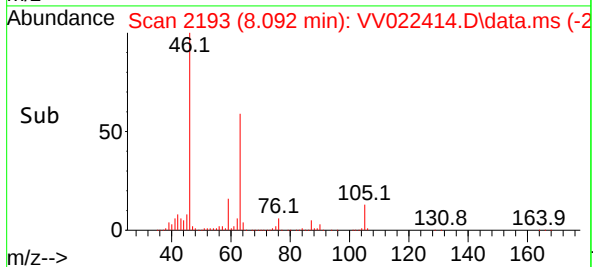
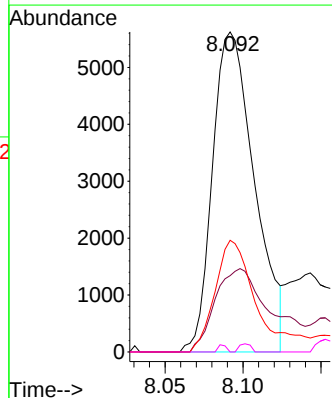
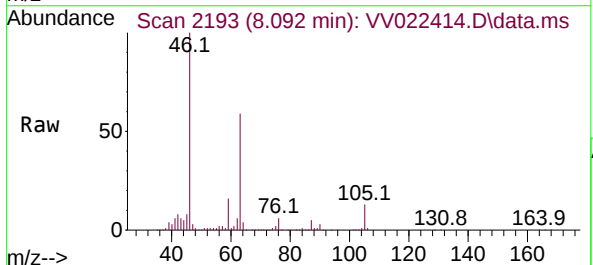
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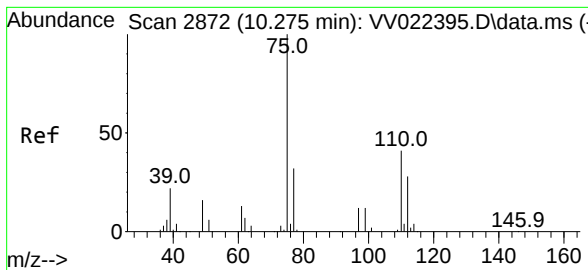
Tgt Ion:164 Resp: 248250
Ion Ratio Lower Upper
164 100
129 91.3 66.4 123.4
131 88.6 63.6 118.0
166 128.0 91.6 170.0



#48
2-Hexanone
Concen: 5.359 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.051 min
Lab File: VV022414.D
Acq: 30 Sep 2021 06:09

Tgt Ion: 43 Resp: 10560
Ion Ratio Lower Upper
43 100
58 29.9 45.4 68.2#
57 30.8 15.0 22.4#
100 0.7 10.7 16.1#





#61
 1,2,3-Trichloropropane
 Concen: 5.798 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.978 min
 Lab File: VV022414.D
 Acq: 30 Sep 2021 06:09

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A50

Tgt Ion:	75	Resp:	10855
Ion	Ratio	Lower	Upper
75	100		
77	34.0	25.4	38.0
110	2.3	32.6	48.8#

